AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0042] with the following rewritten paragraph:

-- A method of searching fixed length data according to a ~~26th aspect~~ 25th aspect of the invention is a method which, in the method of searching fixed length data according to the 22nd aspect of the invention, comprises the step of dispersing a plurality of fixed length data that have the same second hash value and that are different from each other to store each thereof at the same address of a different memory bank in said data memory, and then registering said memory address at which the datum is stored with said subordinate memory pointer table.--

Please replace paragraph [0043] with the following rewritten paragraph:

-- A method of searching fixed length data according to a ~~27th aspect~~ 26th aspect of the invention is a method which, in the method of searching fixed length data according to the 22nd aspect of the invention, comprises the step of storing an inputted fixed length datum in said data table memory if another fixed length datum having the same first hash value as said inputted fixed length datum has not been registered with said data table, and registering said memory address at which the datum is stored with said main memory pointer table, and further step of using an unused to store the inputted fixed length datum in said data table memory if any unused address exists, and if there is no unused address, storing the datum in a memory bank that does not have any datum stored among used addresses.--

Please replace paragraph [0044] with the following rewritten paragraph:

-- A method of searching fixed length data according to a ~~28th aspect~~ 27th aspect of the invention is a method in which, in the method of searching fixed length data according to any

one of the 22nd to ~~27th aspect~~ <u>26th aspect</u> of the invention, said fixed length data is a MAC (Media Access Control) address for network communications, and said data table is a MAC address table holding a large number of MAC addresses.--